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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/575,170	05/23/2000	Paul Lapstun	NPX011US	9181

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AUSTRALIA

EXAMINER

ABDULSELAM, ABBAS L

ART UNIT PAPER NUMBER

2674

DATE MAILED: 03/13/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.  
**09/575,170**

Applicant(s)  
**Paul Lapstun And Kia Silverbrook**

Examiner  
**Abbas Abdulsalam**

Group Art Unit  
**2674**



☐ Responsive to communication(s) filed on \_\_\_\_\_.

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claims

☒ Claim(s) 1-78 is/are pending in the application.

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

☐ Claim(s) \_\_\_\_\_ is/are allowed.

☒ Claim(s) 1-78 is/are rejected.

☐ Claim(s) \_\_\_\_\_ is/are objected to.

☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_.

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 4

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

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### **DETAILED ACTION**

1. Certified copies of foreign documents have been received.

### **Claims**

2. Claims after claim number 3 are objected since they are not numbered correctly. Hence the misnumbered claims 5 through 79 have been renumbered 4 through 78.

### **Claim Rejections 35 U.S.C. 102**

- 3.. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-78 are rejected under 35 U.S.C. 102(b) as being anticipated by Ward et al.  
(USPN 5491495).

Regarding claims 1, 29 and 56, Ward teaches a system where a user interacts with computer software using stylus. Ward teaches an interface system that provides the user with feedback and a movement of stylus that generates movement data. See col. 3, lines 1-19. Ward teaches tablet controller as well as an interface processor (32) that manages input from a tablet and presents feedback to the user through ink and mask planes (42, 44). In addition the tablet controller starts and stops sending data depending on a user initiative See col. 7, lines 47-67 and col. 30, lines 19-34.. Therefore, an identical user interaction with computer software is disclosed as taught by Ward.

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Regarding claims 2, 30 and 57, Ward teaches recognition of hand written characters. See col. 23, lines 25-30.

Regarding claims 3, 31 and 58 Ward teaches recognition and sending of characters strings to the application. See Fig 10.

Regarding claims 4 and 65, Ward teaches the letter boxes which are fixed and visible and their association with the handwriting icon. See fig 10.

Regarding claims 5, 32 and 59, ward teaches recognition algorithm that recognizes a legible written characters. See col. 19, lines 55-67.

Regarding claims 6, 33, 35 and 60, Ward teaches a screen display with a text editing application. See Fig 10.

Regarding claims 7, 34, 61 and 64, Ward teaches major hardware components of a computer system. See Fig 2 and Fig 3.

Regarding claims 8-9, 36, and 62-63, Ward teaches editing process in connection with recalling and redisplaying.

Regarding claims 10, 37 and 66, Ward teaches the rate at which touching the styles display takes place. See col. 25, lines 27-35.

Regarding claims 11, 38 and 67, Ward teaches highlighting particular area of display in response to stylus position. See col. 18, lines 13-18.

Regarding claims 12-13, 39-40 and 68-69, ward teaches a real time clock (82)as well as an optimizer. See col. 9, lines 24-30.

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Regarding claims 14-15, 41-42 and 70-71, see Fig 1 and 10.

Regarding claims 16 and 43, Ward teaches writing directly on the screen. See col. 2, lines 41-46.

Regarding claims 17, 44 and 72, Ward teaches wide execution of stylus motion to generate data. See Fig 1 and Fig 10.

Regarding claims 18-20 and 45-47, Ward teaches the use of simulated devices user interface that use the tablet input including simulated mouse and hand writing input device. See Fig 1 and 10.

Regarding claims 21-23, 48-50 and 73-75, ward teaches a process by which one can identify the code and the data. See col. 13, lines 52-55

Regarding claims 24-26, 51-53 and 76-78, ward teaches a tablet sensing the stylus to adequately provide "X, Y" position data. See col. 17, lines 4-8.

Regarding claims 27-28 and 54-55, Ward teaches memory maps showing how the ink and the mask data is stored. See Fig 8.

### **Conclusion**

4. The prior art made of record and not relied upon is considered to applicant's disclosure. The following arts are cited for further reference.

U.S. Pat No. 5,148,155 to Martin et al.

U.S. Pat No. 5,252,951 to Tannenbaum et al.

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U.S. Pat No. 5,936,614 to An et al.

U.S. Pat No. 6,321,349 to Hennessy

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5. Any inquiry concerning this communication or earlier communication from the examiner should be directed to **Abbas Abdulsalam** whose telephone number is **(703) 305-8591**. The examiner can normally be reached on Monday through Friday (9:00-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Richard Hjerpe**, can be reached at **(703) 305-4709**.

**Any response to this action should be mailed to:**

Commissioner of patents and Trademarks

Washington, D.C. 20231

**or faxed to:**

**(703) 872-9314**

Hand delivered responses should be brought to crustal park II, Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology center 2600 customer Service office whose telephone number is (703) 306-0377.



**RICHARD HJERPE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600**

Abbas Abdulsalam

Examiner

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